

API:	05-123-31335	ELEVATION:	5072	QTR-QTR:	SWSE
WELL NAME:	NRC 16-8	GROUND LEVEL:	5057	SECTION:	8
COUNTY:	WELD	MD:	8660	TWNSHIP:	1N
LATITUDE:	40.0611714	PBMD:	8400	RANGE:	67W
LONGITUDE:	-104.9099268	CREATED BY:	D. MCDANIEL		
		DATE:	8/15/2018		

Existing		DATUM: RKB KB=15'		Proposed	
<u>Hole Size/Depth</u>	12-1/4" - 1022'		Cmt to Surf		
			80'		
<u>Surface Casing</u>					
TOC (from CBL)	964'		80 sx	890'	TOC in S.C.
Casing Size/Depth: 8-5/8", 24#/ft @	1012'		1.5 yld	940'	Cut off casing
Fox Hills Formation Marker	1301'				
				1400'	BOC inside csg
Stage Tool	4394'				
BOC (from CBL)	4436'		3 bbl	4304'	TOC inside csg
Sussex				4464'	Top Sq Perfs
Top	4684'		4494'		
Base	4879'		80 sx		
Productive within 1 mile			1.79 yld	4750'	Bot Sq Perfs
TOC (from CBL)	4824'				
Shannon	Absent				
NOT productive within 1 mile					
				7080'	TOC inside csg
			25 sx		
			1.53 yld		
Niobrara Top	7484'		7510'		
Niobrara Perfs	7596' - 7698'				
Codell Perfs	7824' - 7844'				
CIBP with 2 sx Cement (12/13/2010)	8410'				
Dakota Perfs	8440' - 8480'				
<u>Production Casing/Hole</u>					
Casing Size/Depth	4-1/2", 11.6#/ft @	8647'			
Hole Size/Depth	7-7/8" (bit size) @	8660'			

Existing Cement
New CICR
Existing CICR
New CIBP
Existing CIBP
New Cement
Sand Plug
Existing Mud

Perforation and CIBP Info for Deeper Formations (If Needed)

	2 sx
	1